VIKING MODULAR SOLUTIONS™
SANMINA-SCI CORPORATION

INNOVATIVE SOLUTIONS • WORLD CLASS SERVICE

Product Brief

Specifications

DDR3
Voltage (Standard): 1.5V*
Densities: Up to 16GB
Speed (Data Pin): 800MHz ~1600MHz
Fast Data Rates: PC3-6400, PC3-8500
PC3-10600, PC3-12800

DDR2
Voltage (Standard): 1.8V*
Densities: Up to 8GB
Speed (Data Pin): 400MHz ~ 800MHz
Fast Data Rates: PC2-3200, PC2-4200
PC2-5300, PC2-6400

DDR
Voltage (Standard): 2.5V
Densities: Up to 4GB
Speed (Data Pin): 266MHz ~ 400MHz
Fast Data Rates: PC-2100, PC-2700
PC-3200

SDRAM
Voltage (Standard): 3.3V
Densities: Up to 2GB
Speed (Data Pin): 66MHz ~ 133MHz
Fast Data Rates: PC-100, PC-133

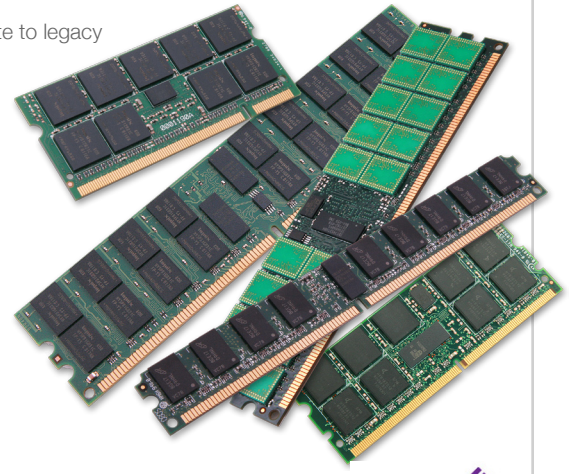
* Lower power/reduced voltage available

DRAM Module Portfolio

Viking, the modular solutions division of Sanmina-SCI Corporation, has emerged as a preferred supplier of JEDEC standard and application-optimized modules. OEMs from around the world trust our experience to develop, manufacture, test and logistically deploy modular solutions. Our proven capability to achieve fast cycle time during design, validation and qualifications of our modules provide a key strategic advantage to OEMs. Accordingly, we choose supply partners who align with our customers' technical needs and make certain that critical components are available whenever and wherever they are required.

Our technology ranges from the most up-to-date to legacy modules such as:

- DDR3
- DDR2
- DDR
- SDRAM
- Direct Rambus™ (RDRAM)



Features

- JEDEC Standard
- RoHS Certified
- Special or customized heat-sinks
- SI and thermal modeling capabilities
- Customer controlled Bill of Materials (BOM)
- Customer controlled labels
- Customized testing/screening

RoHS

Viking Modular Solutions offers a wide range of form factors including:

Form Factor	DDR3	DDR2	DDR	SDRAM	RDRAM
FBDIMM		•			
RDIMM	•	•	•	•	
VLP RDIMM	•	•	•		
UDIMM	•	•	•	•	
Mini RDIMM	Δ	•			
VLP Mini RDIMM	Δ	•			
SODIMM	•	•	•	•	
SOCDIMM	Δ	•	•		
SORDIMM	Δ	•	•		
RIMM					•
SORIMM					•
NexMod					•

• = in production Δ = in development

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